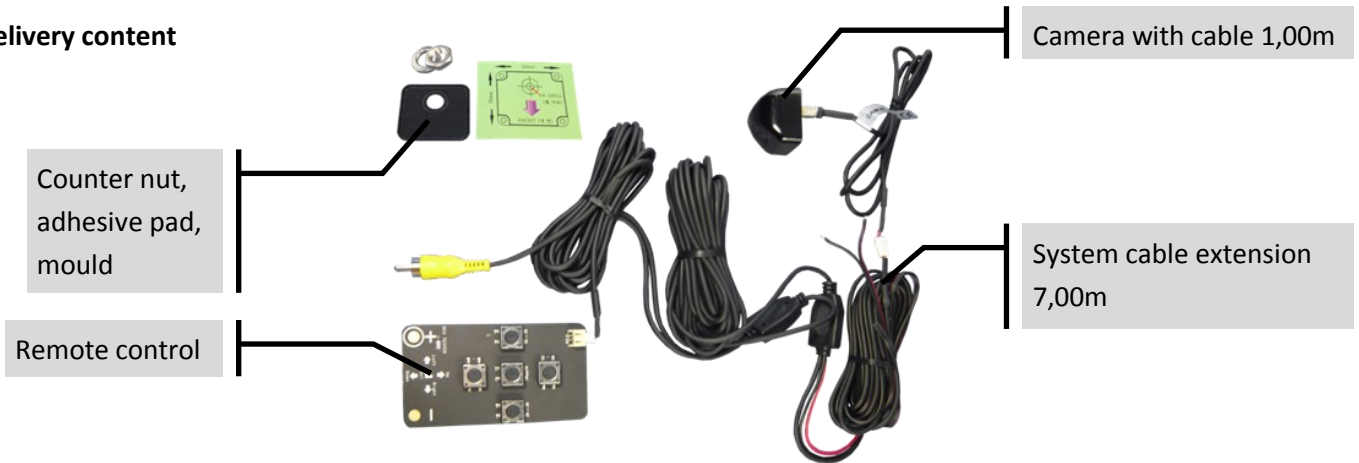


Mini-rear-view camera for horizontal base frame

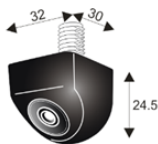
CAM-N-H130 (black), CAM-N-HS130 (silver)

Delivery content



Produktfeatures

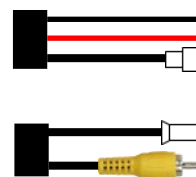
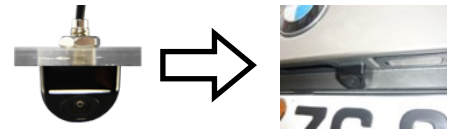
- Mini-camera in metal housing (black/silver/white)
- Cable guided screwed tube 8mm with counter nut
- Horizontal base frame
- Mirrored image, optionally disengageable
- Sensor-type 1/4" Sony Super HAD CCD II NTSC colour
- Light sensitivity 0.01 Lux
- Digital filter for noise, optionally disengageable
- Angle H=130°, V=95°, D=165°
- Optional guide lines, adjustable in all directions to the car
- IP 68
- Power supply 10V ~ 15V
- Power 100mAh
- Video-connection RCA male connector
- Cable-length 8m
- Dimensions of housing without screwed tube WxDxH 32x30x24mm
- Weight 73g



Tip for dealers: Inform your end customers that the rear-view camera mustn't be cleaned by steam cleaner!

Installation

Horizontal base frame



Connection cable

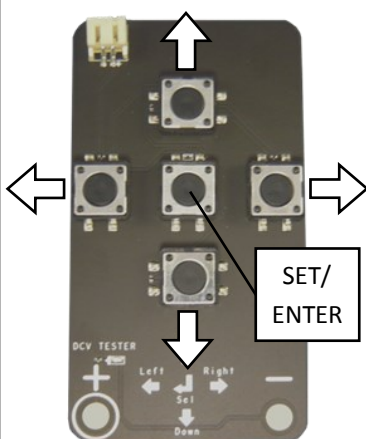
- Ground
- +12V reverse signal
- Camera
- Remote control
- Video-signal

Camera not suitable for permanent operation!

Note: If the camera is powered by reverse signal we recommend to install a relay between power supply of reverse signal and power supply of the camera to ensure a stable and uninterrupted power supply and avoid unwanted errors in the board computer.

In case the isolation of the camera is harmed in the moisture section close to the camera, it is mandatory to repair the isolation. Otherwise the camera will inevitably become moist inside sooner or later.

Remote control



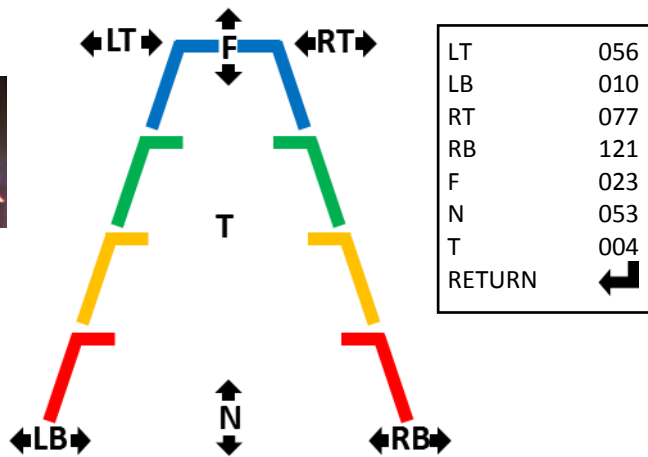
By pressing the SET/ENTER button if camera and remote control are connected the Setup menu will be displayed on the screen:



Changes in the menu are only saved after exit and disconnecting the remote control before power off!

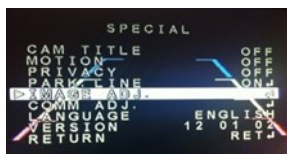
Adjustment of guide lines

1. Enter Setup menu
2. Select **SPECIAL**
3. Select **PARK.LINE**
4. Adjust guide lines



Adjustment of mirroring

1. Enter Setup menu
2. Select **IMAGE ADJ.**
3. Adjust **MIRROR:**



ON = rear-view camera
OFF = front camera

Picture settings

1. Enter Setup menu
2. Select **SPECIAL**
3. Select **IMAGE ADJ.**
4. Adjustments of camera picture, e.g. contrast, focus etc.



Adjustment of exposure

1. Enter Setup menu
2. Select **EXPOSURE**
3. Adjust **AGC:**



AGC OFF = Off
AGC LOW = Low (standard)
AGC MIDDLE = Medium
AGC HIGH = High

By activation of the **DWDR** function it is possible to get a better picture quality depend on the light situation.

Fading out of light sources in the dark

1. Enter Setup menu
2. Select **BACKLIGHT**

OFF = Fading out off
HLC = Light sources will be shown black in the dark (remaining picture will be light coloured)



There are more individual settings of the camera available that are not described in this manual because they are not needed for normal use, e.g.

SPECIAL/PRIVACY – User-specific lines and fields

SPECIAL/MOTION – Motion detection (it is possible to define picture areas that react with movements and the warning notice “Motion Detection” will be displayed)

SPECIAL/CAM TITLE – A text can be displayed, e.g. “back” (position of the camera)